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2-14-2005

## February 14, 2005 AASU Faculty Meeting

Armstrong Atlantic State University

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**Armstrong Atlantic State University  
Faculty Meeting  
Minutes of February 14, 2005**

- I. **Call to Order.** The meeting was called to order at 12:13 p.m. in University Hall 156 on Monday, February 14, 2005 by Dr. Thomas Jones.
- II. **Approval of Minutes** – The minutes of January 10, 2005 were approved as presented. There were 147 out of 267 faculty members in attendance, with 9 excused absences. The list is on file in the Vice President's Office with the official minutes.
- III. **Old Business.** There was no old business.
- IV. **New Business**
  - A. **Remarks by Dr. Thomas Jones**

Dr. Jones reported that the Governor has asked the Legislature to accelerate business regarding the budget. The 2005 supplemental budget is out of committee and the FY 2006 is being fast-tracked. The governor has recommended 2% salary increases for all state agencies effective January 1, 2006. It is also hoped that the proposed formula for university funding will be passed, allowing AASU to possibly recoup 4/5s of the \$5 million we have lost in recent cuts. This will require approval by the governor and the Board of Regents. Dr. Thompson has authorized a new round of faculty searches, to fill approximately 18 full time faculty positions.

The Governor has said no to minor capital projects for the time being. However, the Jenkins Hall renovation is on the list of proposed projects and work is currently being done with the local legislative delegation to get the project introduced and funded.

The Board of Regents will be meeting on the AASU campus on April 19 and 20. It is hoped that the meeting can be hosted at the old Publix area.

**B. Elections**

Rick McGrath

Ballots were distributed for elections to fill open seats on the University Curriculum Committee and the Executive Committee for the 2005-2007 term. Members of the Executive Committee collected the ballots and will tally them after the meeting. Results will be distributed by email, along with information on runoff elections if needed. (See Attachment 1)

### C. Report of the Faculty Governance Task Force

Joyce Bergin

The Faculty Governance Task Force was charge by the Executive Committee to evaluate the strengths and weaknesses of the faculty governance structure. The resulting report was presented at the Executive Committee meeting on February 7 and has been distributed to faculty along with the agenda for the current faculty meeting.

The following points were identified by the task force as areas of concern: declining attendance at faculty meetings; a change in the level of faculty participation at faculty meetings; a lack of reports by the standing committees of the faculty at faculty meetings; a failure to foster a sense of faculty involvement in the governance process; task forces bypassing the standing committees of the faculty.

The Executive Committee will be hosting forums for the faculty to help address areas of concern and to facilitate faculty education regarding alternate forms of faculty governance. The task force has suggested that after these forums are held, perhaps as early as April, there could be a vote on the possibility of moving to a new form of faculty governance. The first of these forums will be held before the end of February.

### D. Mission Statement

Anne Thompson & Richard Nordquist

The Chancellor has asked for new, less verbose mission statements from all USG institutions, to be reviewed by the Board of Regents. The request stemmed from sector change requests from some of the USG institutions. AASU is not requesting a sector change at this time but is proposing the following mission statement:

“Armstrong Atlantic State University, a University System of Georgia institution, is committed to:

- educating students in the liberal arts tradition through quality programs in the arts and sciences, teacher education, health professions, and science and technology;
- providing students with intellectual challenges, professional experiences, and extracurricular activities that prepare them for citizenship, leadership, career success, and a lifelong passion for learning;
- advancing teaching, scholarship, creative endeavors, and service to the community by supporting the collaborative initiatives of students, faculty, and staff.”

Input on the proposed mission statement should be sent to Dr. Ed Thompson and will be forwarded to the President’s office.

### E. Executive Committee

Dr. Rick McGrath

#### 1. Announcement on Standing Committee Reports

Chairs of the Standing Committees of the faculty will be asked as part of the regular faculty meeting agenda to present a summary of their committees’ activities starting at the next faculty meeting.

2. An email calling for agenda items for the faculty meetings will be sent starting with the next faculty meeting. Any faculty member may ask for items to be included on the agenda.

F. Report of the University Curriculum Committee Dr. Randall Reese  
(Action items only: please refer to UCC minutes of January 19, 2005.)

I. College of Arts and Sciences

*It was moved, seconded and approved to accept the item below from the January 19, 2005 minutes of the University Curriculum Committee.*

**A motion was made, seconded, and approved to Create a Post Baccalaureate Certificate in Pre-Medical Studies:**

**Certificate in Post Baccalaureate Pre-Medical Professions**

**Students will receive a post-baccalaureate certificate for pre-Medical studies when they complete this sequence of chemistry, physics, and biology courses:**

**CHEM 2102 - Organic Chemistry II**

**CHEM 3801 - Biochemistry I**

**PHYS 1112 - Introductory Physics II or PHYS 2212 - Principles of Physics II**

**BIOL 3000 - Cell Biology**

**BIOL 4200 - General Vertebrate Physiology**

**A 2.5 grade point average in these courses**

**If any of these five courses were taken in the undergraduate program or at another institution, an appropriate substitute must be approved by the pre-Medical Advisor and substituted for the requirement.**

Rationale: There are significant numbers of college graduates who determine that they would like to change career directions and return to school to take courses that will allow them to apply to schools granting medical degrees, physician's assistant degrees, pharmacy degrees, dental degrees, and so on. We have advertised for some years that we specialize in such work and have been the institution of choice for many such students. However, we have had no formal mechanism for recognizing the students who complete this additional education at Armstrong. Creation of this certificate provides such a formal mechanism with the following two additional advantages:

- For students who are successfully admitted to a medical program (M.D., D.Pharm.,...) this certificate will build stronger ties to Armstrong, the school that made their admission possible.
- For students who are unsuccessful in their admission attempts, this certificate provides documentation that they have completed a significant addition to their undergraduate program. One can imagine a business major who used this certificate to compete for a job in pharmaceutical sales or a social work major who used this certificate to compete for a job in medical school work.

Finally, we note that there are 23 other institutions in the country with post-baccalaureate pre-Med certificates including Georgetown University, Columbia University, Pennsylvania State University, and Worcester State College. However, completion of this certificate does not ensure admission to any professional program.

*It was moved, seconded and approved to accept as a block Items under Section D below from the January 19, 2005 minutes of the University Curriculum Committee.*

#### **D. Chemistry & Physics**

1. **A motion was made, seconded, and approved to Delete the following two courses:**

**CHEM 1211L**

**CHEM 1212L**

Rationale: The changes above represent combining the lecture and laboratory components of two courses. These changes will provide students with a more accurate measure of their overall performance in General Chemistry (i.e., coalescing grades from lecture and lab into one course grade) and follows the pattern already in place for the Principles of Biology sequence.

2. **A motion was made, seconded, and approved to Change the prerequisite and description of the following course:**

CHEM 1211 PRINCIPLES OF CHEMISTRY I ~~3-0-3~~ **3-3-4**

Prerequisite or corequisite: MATH 1111 ~~and CHEM 1211L~~

Corequisite: CHEM 1211R if the score on the mathematics portion of the SAT is less than 500. If no SAT score is available, permission must be obtained from the department head prior to registering for CHEM 1211.

Description: First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics include composition of matter; nomenclature; atomic structure; bonding and molecular geometries; stoichiometry; properties of solids, liquids, gases; acids and bases; solutions; thermochemistry; and periodic relations. **The lab reinforces these topics.**

3. **A motion was made, seconded, and approved to Change the prerequisite and description of the following course:**

CHEM 1212 PRINCIPLES OF CHEMISTRY II ~~3-0-3~~ **3-3-4**

Prerequisite: CHEM 1211 ~~and CHEM 1211L~~

~~Prerequisite or corequisite: CHEM 1212L~~

Description: Second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics include thermodynamics; equilibria (including complex equilibria); kinetics; electrochemistry; nuclear chemistry; descriptive inorganic chemistry; and introduction to organic chemistry. **The lab reinforces these topics.**

Rationale: The changes above represent combining the lecture and laboratory components of two courses. These changes will provide students with a more accurate measure of their overall performance in General Chemistry (i.e., coalescing grades from lecture and lab into one course grade) and follows the pattern already in place for the Principles of Biology sequence.

**Effective Term: Fall 2005**

*It was moved, seconded and approved to accept as a block Items under Section H below from the January 19, 2005 minutes of the University Curriculum Committee.*

#### **H. Languages, Literature, & Philosophy**

##### **1. A motion was made, seconded, and approved to Change the course description and CURCAT of the following courses:**

- a. FREN 3200 Special Topics in French Literature 3-0-3  
French literature: subject announced ~~at time~~ **when** course is offered. Includes surveys of nineteenth and twentieth century literature. **May be repeated for additional credit when topics change.**
- b. FREN 4010 Special Genre 3-0-3  
French literature: subject announced ~~at time of~~ **when** course ~~offering~~ offered. **May be repeated for additional credit when topics change.**
- c. FREN 4020 Special Author 3-0-3  
French literature: subject announced ~~at time of~~ **when** course ~~offering~~ offered. **May be repeated for additional credit when topics change.**
- d. PHIL 4000 Special Topics 3-0-3  
Offered on demand. Focuses either on a topic such as existentialism, aesthetics, philosophy of science, philosophy of language, philosophy and literature, or on one great ancient, medieval, or modern philosopher such as Plato, Aristotle, Augustine, Aquinas, Descartes, Hume, Kant, Hegel, Nietzsche, Whitehead, Sartre, or Wittgenstein. **May be repeated for additional credit when topics change.**
- e. SPAN 4010 Special Genre 3-0-3  
Hispanic literature: subject announced when course offered. **May be repeated for additional credit when topics change.**
- f. SPAN 4020 Special Author 3-0-3  
Hispanic literature: subject announced when course offered. **May be repeated for additional credit when topics change.**
- g. SPAN 4030 Special Topics 3-0-3  
Hispanic literature: subject announced when course offered. Thematic studies such as the picaresque and the anti-hero. **May be repeated for additional credit when topics change.**

Rationale: The intent of each of these special topics type courses is to allow the department the flexibility to offer different content using these course numbers and titles while at the same time allowing students to earn additional credits for courses offered with different content. Adding the same single "repeatable" clause to each of these course descriptions would make this clear to the students and bring the appropriate Language, Literature, and Philosophy courses under a single consistent policy. Other minor stylistic or grammatical changes in the descriptions are included for a more uniform presentation of these LLP courses.

**Effective Term (applicable to each course): Fall 2005**

CURCAT (applicable to each course):

Major Department: LLP

Can course be repeated for additional credit? ~~No~~ Yes

Maximum number of credit hours: ~~3~~ 12

Grading mode: normal

Instruction Type: lecture

*It was moved, seconded and approved to accept as a block Items under Section J below from the January 19, 2005 minutes of the University Curriculum Committee.*

#### **I. Mathematics**

1. **A motion was made, seconded, and approved to Delete the following courses:**

**MATH 3211 Probability and Mathematical Statistics I 3-0-3**

**MATH 3222 Probability and Mathematical Statistics II 3-0-3**

2. **A motion was made, seconded, and approved to Create the following five courses:**

- a. **STAT 3211 Probability and Statistics Applications I 3-0-3**

**Prerequisites: MATH 2072**

**Description: Data collection, organization and description; probability, random variables; discrete and continuous probability distributions; Central Limit Theorem; point and interval estimation; tests of hypotheses; simple linear regression and correlation.**

- b. **STAT 3222 Probability and Statistics Applications II 3-0-3**

**Prerequisites: STAT 3211 and MATH 2160**

**Description: Sampling techniques, multiple linear regression, nonparametric statistics, and MANOVA.**

- c. **STAT 3231 Mathematical Statistics I 3-0-3**

**Co-requisite: MATH 2083**

**Description: Probability, properties of discrete and random variables, joint and conditional distributions, expectation, and transformations.**

- d. **STAT 3232 Mathematical Statistics II 3-0-3**

**Prerequisites: STAT 3231**

**Description:** Central limit theorem, point and interval estimation, sampling distributions, sufficient statistics, and hypothesis testing.

**e. STAT 3240 Experimental Design 3-0-3**

**Prerequisites:** STAT 3211 or STAT 3231

**Description:** Completely randomized and randomized block designs, incomplete block designs, fixed, random and mixed effects models, split-plot designs, nested experiments, analysis of covariance, and factorial experiments.

*Note: The Applied Statistics sequence described above (STAT 3211, 3222) is equivalent to the current Probability and Mathematical Statistics sequence (MATH 3211, 3222). Programs that currently require MATH 3211 (namely Computer Science) should be made aware of the change in name and prefix.*

**3. A motion was made, seconded, and approved to Create the following minor:**

**Statistics ..... 16 hours**

MATH 2072 - Calculus II

MATH 2160 - Linear Algebra

Three courses chosen from:

STAT 3211, STAT 3222, STAT 3231, STAT 3232, STAT 3240

**4. A motion was made, seconded, and approved to Modify the requirements for the degree of Bachelor of Science in Mathematical Sciences as follows:**

Option 1: Mathematics

B. Major Field Courses

MATH 3000 – Introduction to Mathematical Proof

MATH 3110 – Abstract Algebra

~~MATH 3211 – Probability and Mathematical Statistics~~

**STAT 3231 – Mathematical Statistics I**

MATH 3411 – Differential Equations

MATH 4011 – Advanced Calculus I

One course selected from:

MATH 3170 – Advanced Linear Algebra

MATH 4022 - Advanced Calculus II

MATH 5160 – Theory of Numbers

Nine semester hours of upper-division mathematics **or statistics courses**

exclusive of MATH 3201, 3911, 3912, 3932, 4961, 4962, 4963, 4964, 5911U.

Option 2: Applied Mathematics

B. Major Field Courses

MATH 3000 – Introduction to Mathematical Proof

~~MATH 3211 – Probability and Mathematical Statistics~~

**STAT 3211 – Probability and Statistics Applications I**

MATH 3411 – Differential Equations



One course selected from:

MATH 3110 – Abstract Algebra

MATH 3170 – Advanced Linear Algebra

MATH 4011 - Advanced Calculus I

MATH 5160 – Theory of Numbers

Nine semester hours of upper-division mathematics **or statistics courses** exclusive of MATH 3201, 3911, 3912, 3932, 4961, 4962, 4963, 4964, 5911U.

C. Related Field Courses

CSCI 1302 - Advanced Programming Principles

Complete the prescribed courses in one of the following concentration areas:

Actuarial science

ECON 2105 or ECON 2106

MATH 3222, 3251, 3460, or 4200

**STAT 3222**

**MATH 3251 or 3460**

**MATH 4200**

Two courses selected from:

ECON 3050, 3060, 3300, 3500, 3600, or 3700

Operations research:

~~MATH 3222 – Probability and Mathematical Statistics~~

**STAT 3222 – Probability and Statistics Applications II**

MATH 3251 – Probability and Combinatorics

MATH 3460 – Introduction to Operations Research

MATH 3480 – Optimization and Graph Theory

**MATH 4400 – Operations Research Seminar**

**MATH 4610 – Numerical Analysis**

Statistics

**STAT 3222 - Probability and Statistics Applications II**

**STAT 3231 - Mathematical Statistics I**

**STAT 3232 - Mathematical Statistics II**

**STAT 3240 - Experimental Design**

**MATH 3251 - Probability and Combinatorics**

**MATH 4610 - Numerical Analysis**

Rationale: The proposed changes modify and expand the department's course offerings in order to support a minor in statistics as well as a concentration area in statistics for the applied mathematics option in the mathematical sciences degree (p. 112 of the 2004-2005 AASU Catalog), which fills a gap in the quantitative science offerings and provides a bridge to various industries/businesses in the area. These options for students serve as a first step toward the establishment of a degree program in statistics. We have chosen to use the STAT prefix rather than MATH to make the courses, and hence the minor and area of concentration, more visible.

The current upper-level statistics sequence, MATH 3211-3222 (Probability and

Mathematical Statistics), serves dual purposes—a “mathematical statistics” sequence for mathematics majors, as well as a calculus-based applied statistics course for other majors—and hence serves neither particularly well. So we are giving more appropriate names to those courses (Probability and Statistics Applications I and II), adjusting their content accordingly, and creating another sequence, Mathematical Statistics I and II that will provide a more theoretical treatment of statistics. The new STAT 3211-3222 will be equivalent to the old MATH 3211-3222, and thus affect the program of study for the B.S. in Computer Science. We believe STAT 3240 will be of considerable value to students in a number of programs across campus including biology, psychology, and the proposed E-commerce program.

## V. Other Business

- A. The Faculty Development Committee reported that invitations for the Fall Teaching and Learning Grants will be coming out soon. A symposium on this topic is being planned for April 1.
- B. The Library Committee reported that in December a letter was sent to President Jones regarding concerns about library resources. Also, a flyer has been sent out for the Brockmeier Faculty Award.
- C. The Faculty Activities Committee reported that they have a book group meeting monthly. There are plans to give a guided AASU tour in April. The bocce court is close to construction and there may be another bocce get-together soon.
- D. The International Programs and Activities Committee reported that last year AASU sent 117 students abroad, which is the 7<sup>th</sup> largest number sent in the USG system.

## VI. Announcements

### A. Faculty Lecture Series

Jacquie Fraser

The next Faculty Lecture will be presented by Dr. Teresa Winterhalter on March 25. It is entitled, “Risking Who One Is: Feminism and Public Spaces.”

A call for lecturers for next year’s series will be coming out soon.

### B. Proposed license plate

David Lake

A new license plate with the AASU name and logo will soon be available. 500 need to be ordered by July 1 in order for the plates to be run. The cost is \$25. The form and additional information can be found on the Alumni Affairs website, or you can call Patty Parker in that office.

### C. Student Scholarship Symposium

Andi Beth Mincer and Robert Loyd

A handout on the Student Scholarship Symposium was distributed (See Attachment 1).

For the Writing Showcase, faculty are encouraged to submit examples of excellent student writing. Mentoring is also encouraged. Students will read excerpts from their writing in the days preceding the symposium.

This is the third year for the symposium. Faculty are encouraged to come out and see the posters and hear the student readings. There will also be a call for judges soon.

#### D. Honors Programming

Dr. Jill Miller

The president of the Honors students group has suggested that there be a student lecture series similar to the faculty lecture series. Faculty are asked to encourage their students to take part. Flyers are available.

- E. It was announced that Andrew Weinbach in the Economics Department has completed his Ph.D. Congratulations to Dr. Weinbach!
- F. There will be a Music Ensemble Showcase on February 23 at Jenkins Theater.
- G. There was a call for science and mathematics faculty members who are interested in classroom collaborations under the PRISM grant. For more information go to <http://www.prism.armstrong.edu>.
- H. There are still a few seats available on the Studio Hop. Contact Jill Miller for more information.
- I. On Saturday, February 19 there will be over 400 students on campus for the high school math competition.

VII. Adjournment. The meeting was adjourned at 1:10 p.m.

Respectfully submitted,

Phyllis L. Panhorst  
Coordinator of Faculty Information